2016 DYNAMOMETER CATALOG

AUTOMOTIVE
POWERSPORTS
ACCESSORIES
HARDWARE
SOFTWARE AND TUNING

Dynojet®

AUTOMOTIVE
DYNAMOMETERS MODELS

MODEL 224X
CHASSIS DYNAMOMETER

The Dynojet Automotive Model 224x Dynamometer features a 24in knurled, precision balanced drums. The large drum diameter provides a virtually flat, stable surface for tire contact, eliminating unnecessary slippage and tire deformation. The result is precise, repeatable results every time.

The Model 224x is rated at 2000 hp+, 2000 ft/lbs torque and up to 200 mph making it perfect for diagnosing engine and driveline problems, tuning and repair on most street driven vehicles.

MODEL 424X
AWD CHASSIS DYNAMOMETER

The Model 424x is comprised of two industry standard 224x's, capable of measuring 2000+ horsepower at each axle! Horsepower and torque are measured at each drum and can be displayed and/or logged independently, or combined. This feature allows you to assess the vehicle's power split, and can also aid in troubleshooting drivetrain issues. The 424x is designed to grow with you as your testing needs change in the future. You can easily upgrade at any point with dual Eddy Current Load Absorption Units and/or the 424 LINX System.

Dynojet's AWD dynos can accommodate up to a 140in wheelbase with just the touch of a button. Whether you are troubleshooting a 4-wheel drive pickup or tuning an all wheel drive vehicle, this is a system you should seriously consider.

TOLL FREE 1-800-992-3525

MODEL 224xLC
LOAD CONTROL DYNAMOMETER

THE DYNOJET LOAD CONTROL SYSTEM IS DESIGNED FOR EASE OF USE, ALLOWING YOU TO SPEND MORE TIME TUNING VEHICLES, AS OPPOSED TO TUNING YOUR DYNO.

The highly versatile Model 224xLC is the perfect choice for modern EFI Tuning Shops. Based on the 224x dyno, the 224xLC offers the simplicity and ease of use of an inertia only dyno, along with advanced testing capabilities of a Eddy Current load style dyno. Perform A-to-B comparison tests to quantify gains from various performance products, or enable the load control feature to perform step, sweep, or road load simulations.

MODEL 424XLC^2
DUAL LOAD CONTROL DYNAMOMETER

The 424xLC^2 is a versatile AWD chassis dyno that offers unparalleled features at an affordable price. At any time you can operate the dyno in inertia only mode for assessing gains from bolt-on modifications, or utilize the dual eddy current absorbers for advanced load testing. With two retarders, the 424xLC^2 is capable of up to 1600hp peak absorption. The wheelbase is adjustable with the touch of button and can handle all popular AWD vehicles on the road today. Along with offering the precise control from the eddy current load absorption units, the system also eliminates any potential speed bias between the two drums with Speed Balance Technology. You can also easily upgrade to the 424 LINX System at any time for a complete, all-in-one testing solution.

MODEL 224X AUTOMOTIVE
CHASSIS DYNAMOMETER

MAXIMUM HORSEPOWER	2000hp	DRUM WIDTH	81in/206cm
MAXIMUM SPEED	200mph/322kph	MINIMUM AXLE WIDTH	N/A
MAXIMUM TORQUE	2000ft/lbs	MAXIMUM AXLE WIDTH	81in/206cm
DRUMS	1	MAXIMUM AXLE WEIGHT	3000lbs/1120kg
WHEELBASE MINIMUM	N/A		
WHEELBASE MAXIMUM	N/A		
DRUM DIAMETER	24in/61cm		

MODEL 424X AUTOMOTIVE
AWD CHASSIS DYNAMOMETER

MAXIMUM HORSEPOWER	2000hp (per drum)	DRUM DIAMETER	24in/61cm
MAXIMUM SPEED	200mph/322kph	DRUM WIDTH	81in/206cm
MAXIMUM TORQUE	2000ft/lbs (per drum)	MINIMUM AXLE WIDTH	N/A
DRUMS	2	MAXIMUM AXLE WIDTH	81in/206cm
WHEELBASE MINIMUM	88in/224cm	MAXIMUM AXLE WEIGHT	3000lbs/1120kg (per drum)
WHEELBASE MAXIMUM	140in/356cm		

MODEL 224xLC
AUTOMOTIVE
LOAD CONTROL DYNAMOMETER

MAXIMUM HORSEPOWER	2000hp	DRUM WIDTH	81in/206cm
MAXIMUM SPEED	200mph/322kph	MINIMUM AXLE WIDTH	N/A
MAXIMUM TORQUE	2000ft/lbs	MAXIMUM AXLE WIDTH	81in/206cm
DRUMS	1	MAXIMUM AXLE WEIGHT	3000lbs/1120kg
WHEELBASE MINIMUM	N/A	PEAK ABSORPTION	800hp
WHEELBASE MAXIMUM	N/A		
DRUM DIAMETER	24in/61cm		

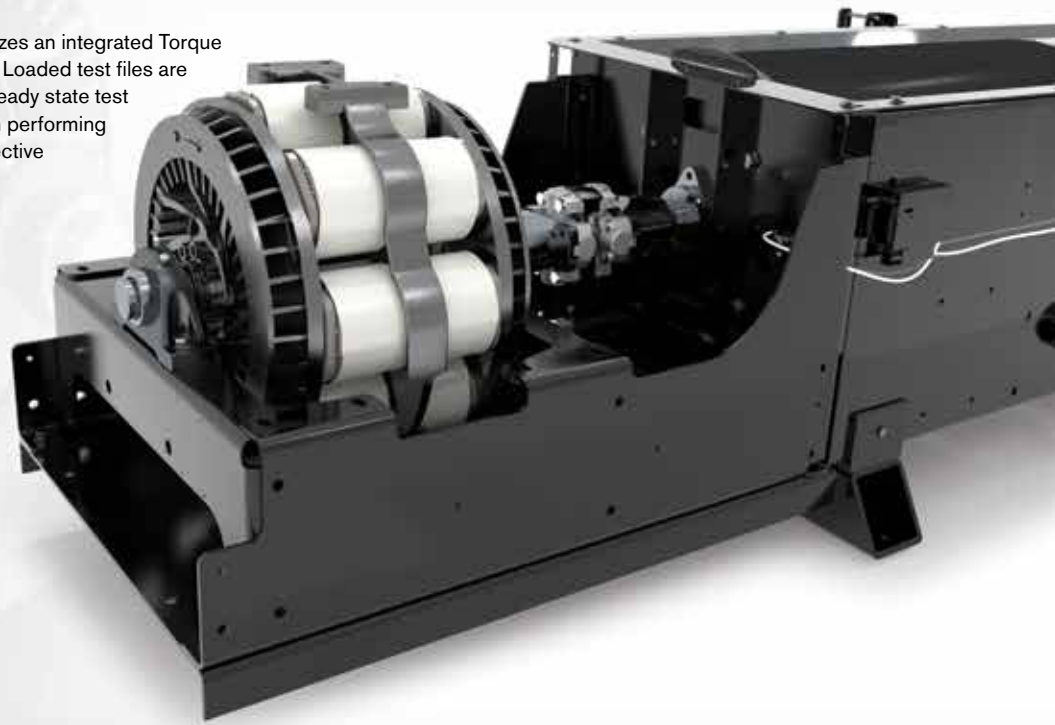
MODEL 424xLC²
AUTOMOTIVE
DUAL LOAD CONTROL DYNAMOMETER

MAXIMUM HORSEPOWER	2000hp (per drum)	MINIMUM AXLE WIDTH	N/A
MAXIMUM SPEED	200mph/322kph	MAXIMUM AXLE WIDTH	81in/206cm
MAXIMUM TORQUE	2000ft/lbs (per drum)	MAXIMUM AXLE WEIGHT	3000lbs/1120kg (per drum)
DRUMS	2	**ADJUSTABLE WHEELBASE FROM:**	
WHEELBASE MINIMUM	88in/224cm	STANDARD	88in/224cm to 130in/330cm
WHEELBASE MAXIMUM	140in/356cm	OPTIONAL	9in/249cm to 140in/356cm
DRUM DIAMETER	24in/61cm	PEAK ABSORPTION	1600hp
DRUM WIDTH	81in/206cm		

EDDY CURRENT LOAD CONTROL

When performing loaded testing, the Eddy Current Load Control option utilizes an integrated Torque Cell to quantify power absorption in an ultra precise and consistent manner. Loaded test files are then available for review and analysis in the WinPEP 8 software. During a steady state test the dynamometer operator can view torque in real time, a great feature when performing live ECM tuning. Additional highlights of this system include a quick and effective calibration routine that can be accomplished in under a minute.

MONITOR REAL TIME TORQUE ON EACH DRUM
FOR MAXIMUM GAINS WHILE TUNING



4 POST LIFT

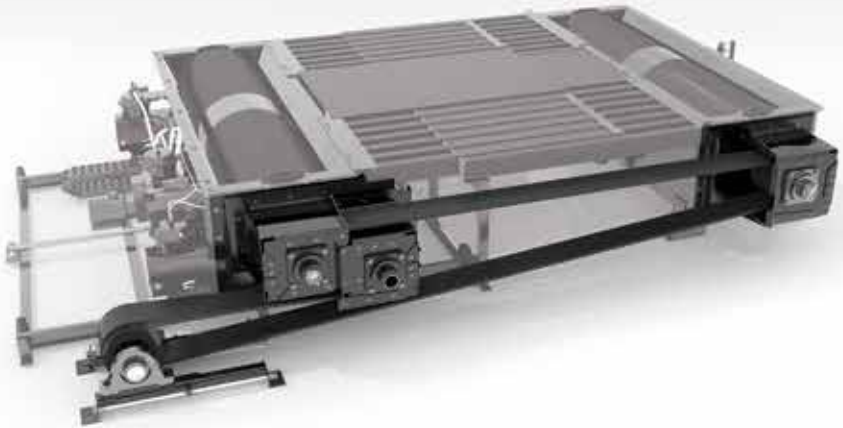
Dynojet acts as a liaison to provide you with the proper 4 post application. Any technical questions should be directed to Rotary at 800-532-6973.

ABOVE GROUND PLATFORM KIT

The Above Ground Platform Kit when use in conjunction with a four-post lift, allows you to make changes to exhaust, gears, driveshafts and other drivetrain modifications right on the dyno during test sessions. (4 post lift sold separately)

PIT COVERS

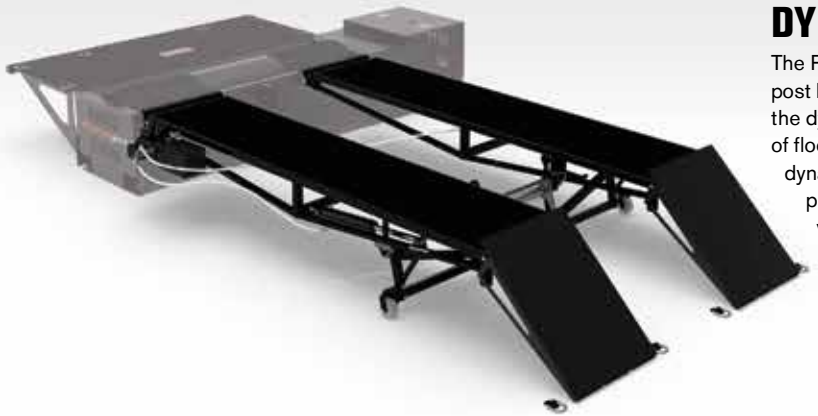
Pit Covers shield open areas of pits, exposing the rollers only. This option is a standard feature for Model 424x and Model 424xLC^2 and available for all other Dynojet Dynamometer Models to upgrade.



424 LINX SYSTEM

The Dynojet 424 LINX System is a simple, highly efficient design that incorporates a high speed Multi-V Rib Belt and pulleys that eliminates potential speed differentials between the dyno drums. This technology will allow you to test modern AWD vehicles without the fear of potentially damaging the center differentials, or activating intrusive stability control systems. It is also useful for those 2WD performance vehicles that require all four wheels to be rotating in order to avoid reduced power mode. The 424 LINX will also retain the full flexibility of your 424x.

MAXIMUM HORSEPOWER	2000hp (per drum)	BELT	1 Multi-V Rib
MAXIMUM SPEED	177mph	PULLEYS	4 Multi-V Rib
MAXIMUM TORQUE	650ft/lbs (per axle)		



DYNOJET POWER-RAMP

The Power-Ramps are used with 224x/224xLC Models and provide a unique alternative to a four-post lift. Unlike non-powered ramps, the Power-Ramps raise and lower the vehicle to the height of the dyno. This keeps vehicles level on the dyno, allowing for shorter ramp platforms and saves 8.5ft of floor space when compared to a traditional four-post lift! The ramps are securely attached to the dynamometer and are controlled by a push-button hydraulic system. Additionally the ramps are powder coated with an anti-slip surface for optimal traction. The Power-Ramps are suited for vehicles with a maximum wheelbase of 132in.

TOTAL LENGTH	55in/393.7cm	MAXIMUM WEIGHT PER VEHICLE AXLE	3500lbs/1588kg
TOTAL WIDTH	83in/210.82cm	APPROXIMATE TOTAL WEIGHT	415lbs/188.24kg
WIDTH (EACH RAMP)	26.5in/67.31cm		**PER RAMP ASSEMBLY**
APPROACH ANGLE	8°	TOTAL RAMP WEIGHT	850LBS/385.55KG

224x AWD ATTACHMENT

The most versatile option, the 224x AWD attachment can be added to any existing Dynojet 224x or 224xlc dynamometer to make it all-wheel-drive capable. Horsepower and torque are measured at each drum and can be displayed and/or logged independently, or combined. This attachment results in a system that can accommodate wheelbases from 88in to 140in with just the touch of a button. The 224x AWD Attachment is available in an above ground or pit configuration when upgrading from a 224x or 224xLC models.

Adjustable wheelbase from 88in to 130in – STANDARD or 98in to 140in – OPTIONAL

MAXIMUM HORSEPOWER	2000hp (per drum)	DRUM WIDTH	81in/206cm
MAXIMUM SPEED	200mph/322kph	MINIMUM AXLE WIDTH	N/A
MAXIMUM TORQUE	2000ft/lbs (per drum)	MAXIMUM AXLE WIDTH	81in/206cm
DRUMS	2	MAXIMUM AXLE WEIGHT	3000lbs/1120kg (per drum)
WHEELBASE MINIMUM	88in/224cm	**ADJUSTABLE WHEELBASE FROM**	
WHEELBASE MAXIMUM	140in/356cm	STANDARD	88in/224cm to 130in/330cm
DRUM DIAMETER	24in/61cm	OPTIONAL	98in/249cm to 140in/356cm

AFR-2 (DUAL AIR/FUEL SYSTEM)

AFR-2 MODULE MEASURES UP TO TWO AIR/FUEL RATIO READINGS SIMULTANEOUSLY!

The AFR-2 has two wide band O^2 sensor inputs so you can sample two air/fuel ratios at the same time for measuring bank-to-bank. The AFR-2 uses the DJ-CAN system, which allows you to daisy-chain multiple AFR-2 modules to read up to 8 AFR's.

The AFR-2 houses the Gen4 air pump system and comes standard with one O^2 sensor. Additional sensors can be purchased at a low cost.

IR-TEMP SENSOR KIT

Infrared temperature sensor kit. Includes magnetic base, 0-500F sensor and harness for measuring surface temperatures. Two IR Temp sensors can be connected to DynoWare RT.

OPTICAL RPM PICKUP

Includes magnetic base, optical sensor and reflective tape. Recommended when testing vehicles with diesel engines. Also can be used for purposes such as measuring pulley slippage. Two optical sensors can be connected to DynoWare RT.

O^2 SENSOR KITS

Includes one wide band O^2 sensor with harness for use with AFR-2 for dual air/fuel readings. Available in a 6ft or 12ft harness length.

ANALOG CHANNEL ACCESSORIES

DynoWare RT comes standard with four (4) analog inputs for 0-5v sensors. Sensor kits are available for connecting Dynojet analog sensors or customer supplied sensors to DynoWare RT.

Analog Sensor Cable Kit — Includes four (4) complete harnesses for connecting up to four customer supplied 0-5v analog sensors to DynoWare RT.

-14.7-45psi Pressure Sensor Kit — Includes one (1) sensor and harness
0-100psi Pressure Sensor Kit — Includes one (1) sensor and harness.

EZ-RPM MODULE

Reads vehicle RPM signal by plugging into cigarette/accessory port or connecting to battery posts.

OBDII DATA-LINK INTERFACE

The OBDII Data-Link Interface plugs directly into the vehicle's OBDII port and brings data from the vehicle's ECM directly into DynoWare RT. When used with CAN-based vehicle ECM's, you can use the OBDII engine RPM channel as your dyno's primary RPM signal! Data can be viewed in real-time and saved with the dyno graph.

POWERSPORTS
DYNAMOMETERS MODELS

Dynojet's cutting-edge engineering delivers the precise horsepower measurements a technician needs to make quick and accurate evaluations of engine and drivetrain performance. This allows you to maximize your shops potential with increased sales, service efficiency, and shop credibility. The dynos' durable, low-maintenance construction ensures that you will be investing in many years of flawless tuning and troubleshooting.

By eliminating the need for engine removal, the vehicle mounting time is as little as 5 minutes. A technician can then perform a simple test and examine the results right in the shop. Utilizing the Dynojet PowerCore Software Suite, the dyno operator can evaluate the entire drive-train condition for the purpose of routine servicing or all-out performance development.

THE DYNOJET LOAD CONTROL SYSTEM WAS DEVELOPED THROUGH YEARS OF EXPERIENCE WITH OVER 6000 DYNAMOMETER INSTALLATIONS WORLDWIDE. THE DESIGN IS EASY TO OPERATE AND PROVIDES THE FUNCTION OF STEADY STATE LOAD CONTROL.

Dynojet's Load Control System uses the latest in eddy current power absorption technology, which combines with our easy to use software, so any technician can get repeatable, consistent results. The Load Control software provides the technician with the ability to control vehicle RPM or speed at any throttle opening. Through our exclusive closed-loop software design, the vehicle is automatically held at your pre-determined setting.

THE SAME TECHNOLOGY THAT HAS MADE THE DYNOJET MOTORCYCLE CHASSIS DYNAMOMETER THE INDUSTRY STANDARD HAS LED TO THE DEVELOPMENT OF THIS DYNAMOMETER ENGINEERED FOR MOST OTHER POWERSPORTS PLATFORMS (ATV'S, SIDE-BY-SIDES, GO-KARTS, AND TRIKES).

The Dynojet Powersports Dynamometer allows for complete drive-train testing by measuring performance at the drive wheels. Existing Model 200i or 250i owners can upgrade their equipment to increase capabilities.

THE POPULAR PIT VERSIONS OF THE 200IX AND 250IX POWERSPORTS DYNOS NOW ARE AVAILABLE IN A WIDER WIDTH. THIS IS DONE BY SETTING THE DRUMS FARTHER APART TO ACCOMMODATE POPULAR UTV AND SIDE BY SIDES WITH A WIDER AXLE WIDTH.

COMPARISON

EXTRA WIDE 200iXW / 250iXW		STANDARD 200iX / 250iX	
Rear Axle Widths		Rear Axle Widths	
Inner	73 in	Inner	61 in
Outer	35 in	Outer	23 in

NOW AVAILABLE IN A WIDER WIDTH

MODEL 200i MOTORCYCLE
CHASSIS DYNAMOMETER

MAXIMUM HORSEPOWER	750hp
MAXIMUM SPEED	200mph/322kph
MAXIMUM LENGTH	84in/213.3cm
(FRONT OF FRONT WHEEL TO CENTER OF REAR WHEEL)	
DRUM DIAMETER	18in/45.72cm
DRUM WIDTH	16.38in/41.6cm
DRUM WEIGHT	500lbs/227kg
DRUM CONCENTRICITY	+/-0.001 in
TIMING ACCURACY	+/- 1 microsecond
DRUM SPEED ACCURACY	+/- 1/100TH mph
RPM ACCURACY	+/- 1/10TH rpm

MODEL 200ix POWERSPORTS
CHASSIS DYNAMOMETER

MAXIMUM HORSEPOWER	750hp
MAXIMUM SPEED	200mph/322kph
MAXIMUM LENGTH	84in/213.3cm
(FRONT OF FRONT WHEEL TO CENTER OF REAR WHEEL)	
DRUM DIAMETER	18in/45.72cm
DRUM WIDTH	16.38in/41.6cm
DRUM WEIGHT	500lbs/227kg
DRUM CONCENTRICITY	+/-0.001in Timing Accuracy +/- 1 microsecond
DRUM SPEED ACCURACY	+/- 1/100TH mph
RPM ACCURACY	+/- 1/10TH rpm
REAR AXLE WIDTHS	
INNER	61in/155cm
OUTER	23in/58.4cm
iXW REAR AXLE WIDTH	
INNER	73in/185.4cm
OUTER	35in/89cm

MODEL 250i MOTORCYCLE
LOAD CONTROL DYNAMOMETER

MAXIMUM HORSEPOWER	750hp
MAXIMUM SPEED	200mph/322kph
MAXIMUM LENGTH	84in/213.3cm
(FRONT OF FRONT WHEEL TO CENTER OF REAR WHEEL)	
DRUM DIAMETER	18in/45.72cm
DRUM WIDTH	16.38in/41.6cm
DRUM WEIGHT	500lbs/227kg
DRUM CONCENTRICITY	+/-0.001in
TIMING ACCURACY	+/- 1 microsecond
DRUM SPEED ACCURACY	+/- 1/100th mph

All models shown with optional fans

MODEL 250ix POWERSPORTS
LOAD CONTROL DYNAMOMETER

MAXIMUM HORSEPOWER	750hp
MAXIMUM SPEED	200mph/322kph
MAXIMUM LENGTH	84in/213.3cm
(FRONT OF FRONT WHEEL TO CENTER OF REAR WHEEL)	
DRUM DIAMETER	18in/45.72cm
DRUM WIDTH	16.38in/41.6cm
DRUM WEIGHT	500lbs/227kg
DRUM CONCENTRICITY	+/-0.001in
TIMING ACCURACY	+/- 1 microsecond
DRUM SPEED ACCURACY	+/- 1/100th mph
RPM ACCURACY	+/- 1/10th rpm
REAR AXLE WIDTHS	
INNER	61in/155cm
OUTER	23in/58.4cm
iXW REAR AXLE WIDTH	
INNER	73in/185.4cm
OUTER	35in/89cm

SD12 SCOOTER DYNAMOMETER

The SD12 has a clever fold-up design with rollers, enabling it to be easily moved for use and storage, maximizing space inside the workshop.

The SD12 comes with a folding ramp and foot activated brake as standard features and can accommodate wheelbases from 60 to 74in. The SD12 uses our proven WINPEP 8 software and DynoWare RT electronics for accurate and repeatable measurement of horsepower, torque, and speed. The Dynojet Air/Fuel Ratio Monitor can be used with the SD12.

MODEL SD12

MAX POWER	25kw (33.5hp)
MAX TORQUE	45nm (33.5lb-ft)
MAX SPEED	175 km/hr (109rpm)
TOTAL LENGTH	
UNFOLDED WITH RAMP DOWN	132in/335cm
UNFOLDED WITH RAMP UP	99in/251cm
FOLDED	21in/533cm
TOTAL WIDTH	
FOLDED	24in/61cm
UNFOLDED	34in/86cm
TOTAL HEIGHT	
FOLDED	83in/211cm
UNFOLDED	24in/61cm
WEIGHT	437lb/198.22kg
	(DYNAMOMETER ONLY)
MINIMUM AND MAXIMUM WHEELBASE	60-74in/152-188cm
BRAKE TYPE SPRING APPLIED MECHANICAL BAND (MANUALLY FOOT OPERATED)	
POWER REQUIREMENTS	110-220VAC (Domestic or EU Power)

TORQUE CELL MODULE

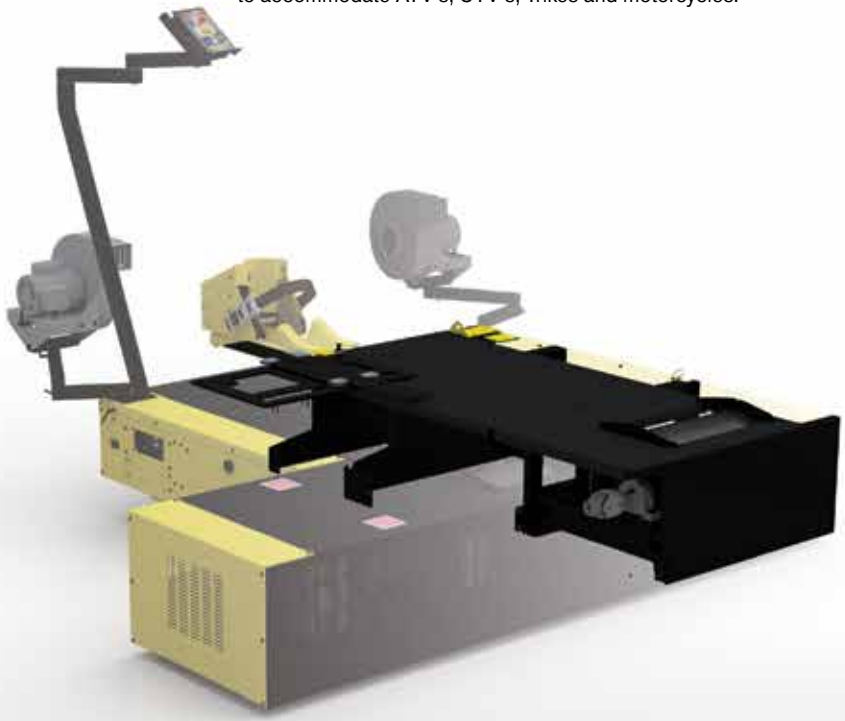
Measures real-time torque, and allows sweep, step and custom load simulation tests.

EDDY CURRENT LOAD ABSORPTION UNIT

The Eddy Current Load Absorption Unit can be upgraded to any Dynojet inertia model, such as the 200/200i, and enables the ability to perform loaded tests such as closed-loop RPM step tests when tuning fuel-injection with a Power Commander or Power Vision.

POWERSPORTS DYNAMOMETER X UPGRADE

The ultimate in versatility — The X upgrade is available for all 200i/250i models and adds a second drum and sliding carriage to accommodate ATV's, UTV's, Trikes and motorcycles.



DUAL COOLING FAN SYSTEM

This integrated cooling fan system option has adjustable arms and can move 1800 CFM from each fan. These fans are controlled from the control pod.

THE POWER WHEEL CLAMP & POWER CARRIAGE OPTIONS

These options allow the dyno operator to adjust the carriage length and clamp the front wheel from the control pod, while seated on the bike.

EXTENDED WHEELBASE CARRIAGE OPTION

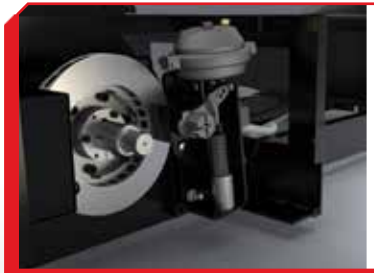
This option is necessary for testing long wheelbase motorcycles. Accommodates up to 102in, measured from rear axle to the leading edge of the front tire.

FOLDING RAMP

This option includes gas assist struts for one person operation. The ramp features a dual-angle moderate slope design to aid in loading/unloading lowered and longer wheelbase motorcycles.

Supplemental ramp available for "X" models (requires primary ramp).

IX RAMP SHOWN



AIR BRAKE

The air brake can be added to the Model 200i or 200iX to quickly slow the drum after the run. This is recommended when testing two-stroke motorcycles which have poor engine braking.

MONITOR TRAY

The Monitor Tray attached to the control pod and supports a monitor, keyboard and mouse. It is adjustable for optimum placement.

AFR-2 (DUAL AIR/FUEL SYSTEM)

AFR-2 MODULE MEASURES UP TO TWO AIR/FUEL RATIO READINGS SIMULTANEOUSLY!

The AFR-2 has two wide band O^2 sensor inputs so you can sample two air/fuel ratios at the same time for measuring bank-to-bank. The AFR-2 uses the DJ-CAN system, which allows you to daisy-chain multiple AFR-2 modules to read up to 8 AFR's.

The AFR-2 houses the Gen4 air pump system and comes standard with one O^2 sensor. Additional sensors can be purchased at a low cost.

IR-TEMP SENSOR KIT

Infrared temperature sensor kit. Includes magnetic base, 0-500F sensor and harness for measuring surface temperatures. Two IR Temp sensors can be connected to DynoWare RT.

O^2 SENSOR KITS

Includes one wide band O^2 sensor with harness for use with AFR-2 for dual air/fuel readings. Available in a 6ft or 12ft harness length.

ANALOG CHANNEL ACCESSORIES

DynoWare RT comes standard with four (4) analog inputs for 0-5v sensors. Sensor kits are available for connecting Dynojet analog sensors or customer supplied sensors to DynoWare RT.

Analog Sensor Cable Kit — Includes four (4) complete harnesses for connecting up to four customer supplied 0-5v analog sensors to DynoWare RT.

0-50 psi Absolute Pressure Sensor Kit — Includes one (1) sensor and harness
0-100psi Relative Pressure Sensor Kit — Includes one (1) sensor and harness.

H-D FUEL TAP

H-D Fuel Tap is a dyno accessory available for DynoWare RT that provides fuel pressure as a data input for WinPEP 8 dyno users! It plugs directly into the stock fuel system with quick disconnects for fast and easy installation and fits 2001 and newer H-D models.

INDUCTIVE RPM CONNECTION KIT

This new harness kit aids dyno operators in establishing engine RPM signals with select motorcycles. Each harness uses OEM style connectors, plugs in-line with the stock ignition system, and the non-loomed wiring makes it easy for the Dynojet Inductive RPM to clamp onto. Works with several motorcycles: Denso coil ignitions, Ducati, KTM, Polaris, Can-Am, BMW, Aprilia and Harley-Davidson®.

DJ-CAN PRODUCTS SUCH AS THE POWER COMMANDER V, POWER VISION, AND WIDEBAND2 CAN BE PLUGGED DIRECTLY INTO DYNOWARE RT.

This allows you to view and sample all available channels on the device. This includes; injector duty cycle, throttle position, air/fuel ratio (when equipped with AutoTune) and more! You can use engine rpm from a Power Commander V as your primary dyno rpm so you don't have to use the inductive rpm cable!

H-D DATA LINK

Connect any Delphi equipped Harley-Davidson® (CAN & J1850) to DynoWare RT to read and sample live data direct from the bike! Whether you are making EFI calibrations, diagnosing a problem or simply getting a horsepower reading, the H-D Data Link gives you more data such as volumetric efficiency, spark advance, cylinder temp, and more.

DJ-CAN SCREEN FROM THE PCV

POWER VISION AUTOMATED TUNE LICENSE PROGRAM

SAVES TIME, KEEPS COST LOW, AND MAXIMIZES PROFIT.

Acquiring and loading a Tune License into your Power Vision is quicker and easier than before. Simply launch WinPV, click on the PV Online icon, and in a few steps you're ready to tune. If you need additional Tune Licenses, simply log into your account and purchase them. Every step of the process is now handled online, at your convenience.

Use one Power Vision to tune multiple bikes! There is NO limit to the amount of ECM's that can be tuned with a single Power Vision. Each bike to be tuned requires the purchase of a Tune License, however, the Tune License allows you to continue to flash tunes to each licensed vehicle as many times as you'd like.

POWER VISION PRO TUNER KITS

EVERYTHING NEEDED TO START FLASH TUNING HARLEY-DAVIDSON® MOTORCYCLES.

Includes a Power Vision, AutoTune-Pro Wideband O^2 Module and all required cables and adapters for J1850 or CAN ECM's. Kits are available for both Dynojet dyno owners and shops without a dyno. Simultaneous front and rear cylinder automated mapping achieves a full tune in about 60 minutes.

STEALTH EXTRACTION INTERFACE KIT

TIRED OF WELDING BUNGS, DESTROYING BAFFLES, OR OTHERWISE FINDING A WAY TO GET AN ACCURATE EXHAUST GAS SAMPLE FOR TUNING PURPOSES?

Dynojet has the answer with its new Stealth Extraction Interface Kit. Includes professional grade Riv-Nut tool, drill bit, 50 pieces of consumables (bolts, washers, Riv-Nuts, etc), specialty bolts, and billet manifold interfaces.

WWW.POWERVISION.COM

DynoWare RT

DYNOWARE RT

THE NEXT GENERATION OF DYNOJET DYNAMOMETER ELECTRONICS AND SOFTWARE HAS ARRIVED.

DynoWare RT is the next generation of Dynojet dynamometer electronics and provides dyno owners with several new features such as: high-speed Ethernet communications to PC, wireless network capability, multiple expansion ports for current and future upgrades, updateable firmware/ software via online, built-in true 0-5v Analog Channels and more. The dyno's configuration file is now embedded inside the DynoWare RT module, so now you can simply connect to any PC that has PowerCore installed. DynoWare comes standard with new Dynojet dynamometers and is available as an upgrade for existing Dynojet models.

STANDARD FEATURES

- FOUR DJ-CAN *(Dynojet Controller Area Network)* EXPANSION PORTS To connect Dynojet performance electronics such as Power Commander V, Power Vision and WideBand2.

- TWO INDUCTIVE RPM INPUTS *(up to 30,000 RPM). Acquire engine RPM using drum speed.* Includes two (2) primary and two (2) secondary inductive RPM cables for use with various ignition types including coil on plug.
- TWO OPTICAL RPM INPUTS *(up to 30,000 RPM).* For use with Dynojet Optical RPM accessory *(not included).*

- SIX DYNOWARE EXPANSION PORTS
- TWO ATMOSPHERIC SENSOR INPUTS. Includes one (1) sensor for real-time weather conditions measurement. (1) Secondary sensor accessory available for additional measurement *(intake, air box, etc.).*
- 10 BUTTON ENHANCED SAMPLE PENDANT For remote control of DynoWare RT and PowerCore

- FOUR INDEPENDENT 0-5V ANALOG INPUTS. *Sensors not included.* Accessory plug-and-play Dynojet Sensor Kits available for measuring pressure *(boost or fuel).* Analog Sensor Cable Kit also available to connect customer supplied 0-5 analog sensors to DynoWare RT.

- ETHERNET COMMUNICATIONS
- WIRELESS NETWORK CAPABILITY
  Connect a wireless router to DynoWare RT to control the dyno and PowerCore using a laptop, desktop or tablet PC. Update firmware and software through a internet network.
- TWO INFRARED TEMPERATURE SENSOR INPUTS.
- POWERCORE SOFTWARE SUITE WITH WINPEP 8 DYNO CONTROL, DATA CENTER AND C3 TUNING SOFTWARE INCLUDED WITH DYNOWARE RT.

SELECTABLE AIR/FUEL DATA SOURCE - DYNOWARE RT AFR-2 OR DJ-CAN DEVICES

POWER CORE SOFTWARE SUITE

PowerCore is a new PC based application that provides Dynojet dyno owners with the most advanced tuning software platform available in the industry! Control the dyno, analyze data, adjust/create calibrations and maps for Dynojet products and utilize real-time on-board data from vehicles running on the dyno.

WinPEP 8

WINPEP 8 DYNO CONTROL

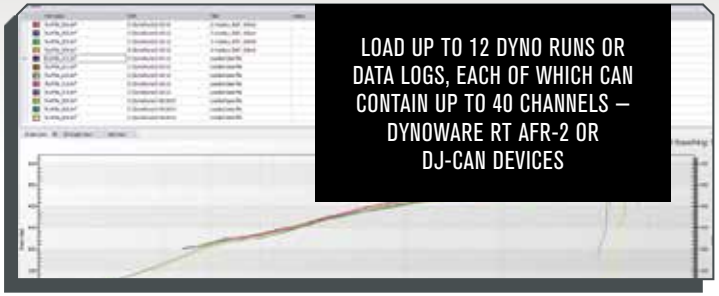
Connects PowerCore to DynoWare RT; shows data live on gauges, starts/stops sampling, and sets up other functions such as load control and other dyno specific functions.

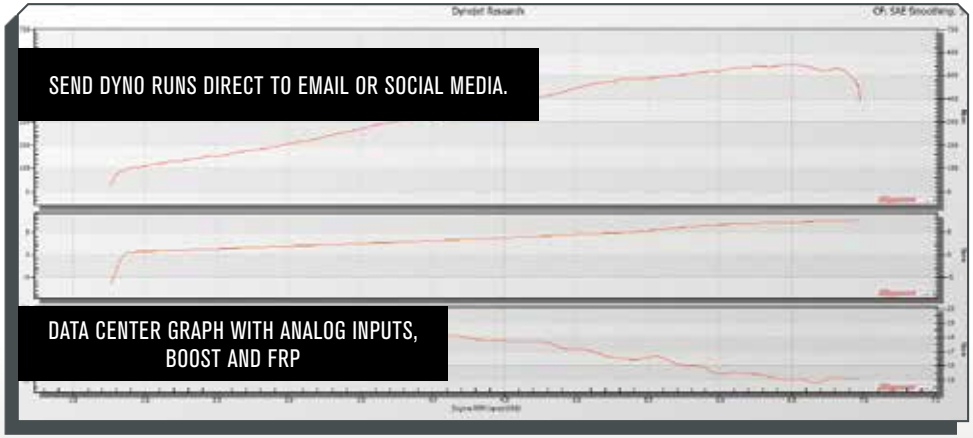
- **Selectable RPM source used for logging/load control — Inductive, or DJ-CAN devices such as the Power Commander V.**
- **Channel Support for DJ-CAN devices — read and sample live data from the vehicle while using a Power Commander V or Power Vision.**
- **Editable gauge screen with user defined data channel selection, scaling and more.**

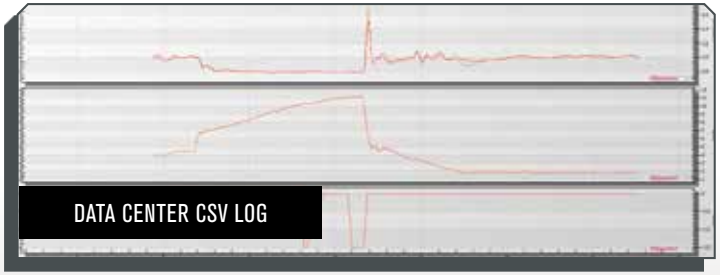
WINPEP 8 DATA CENTER

Provides enhanced viewing and analysis tools for dyno runs, DJ-CAN devices, .csv format data logs, and 3rd party sources. Views include graph/trace, table, and 3-D visualization.

- **Synchronize data channels from the DynoWare RT system in perfect alignment with channels from supported systems, giving the ability to *see* what happened and where. Become a better tuner as a result of getting better data.**
- **Customization options allow users to adjust the software format and viewing to their liking, and provides better export viewing, printing and more.**
- **Backwards compatible to all previous WinPEP and DOSPEP dyno runs, so users can use previous dyno run files.**

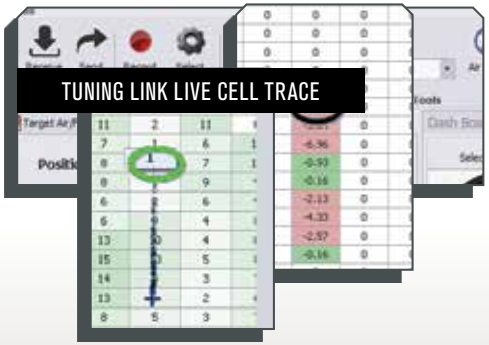






C3 TUNING SOFTWARE

CONFIGURE – CALIBRATE – CONTROL



THE NEW C3 SOFTWARE TAKES THE FAMILIAR POWER COMMANDER CONTROL CENTER SOFTWARE AND BRINGS IT TO A NEW LEVEL.

Now the end user has full control over their Power Commander allowing them to configure their setup in an infinite number of ways.

- **Create maps with up to 30 TP (Throttle Position) columns and any value the end user desires.**
- **Configure advance maps linking multiple cylinders together allowing a 4 cylinder engine to use the dual channel AutoTune.**
- **Compare multiple Power Commander V maps side by side.**
- **Data Log all Power Commander V channels. Display logs in graph form thru Data Analysis software.**
- **Automatic updates through Dynojet's web server.**

INTEGRATED TUNING LINK SOFTWARE

Dynojet's proprietary Tuning Link software, that interfaces the dyno with a Power Commander for efficient and simple EFI tuning, is now included with no additional cost inside C3!

NEW TUNING LINK FEATURES:

- **Create maps with up to 30 throttle position columns and any value desired.**
- **Percentage correction — pick a desired allowed target error percentage (for example 2% of your target AFR) for speedier and more efficient fuel mapping.**
- **AutoTune function — Simply ride the bike on the dyno for non cell-specific mapping and use Tuning Link to tune abrupt throttle transitions and other riding conditions.**
- **Map twin cylinders simultaneously**
- **Designate a target AFR for every map cell**

APPROVED POWER COMMANDER TUNING CENTERS

THE POWER COMMANDER HAS BEEN THE #1 CHOICE FOR EFI TUNING EVER SINCE FUEL INJECTION BECAME AVAILABLE AS ORIGINAL EQUIPMENT BY POWERSPORTS MANUFACTURERS.

This course certifies Dynojet Dynamometer owners (250 model and above) as Dynojet Approved Power Commander Tuning Centers. It consists of 3-days of advanced Power Commander training and is a combination of classroom and hands-on dyno time. The course covers all models of Power Commanders and their accessories. Learn everything from proper installation to making custom maps using a Dynojet dyno with Power Commander and dyno software.

AUTHORIZED POWER COMMANDER DEALERS

This ½ day training course available in your area or at your location (contact Dynojet for availability). This course provides dealers with all of the information they need regarding Power Commander sales and support

CERTIFIED POWER VISION TUNING CENTERS

This 3-day training course held at Dynojet Research in Las Vegas, Nevada includes EFI theory and operation for expert EFI calibrating, Power Vision WinPV software, AutoTune Basic & Pro and custom EFI map development using the Power Vision on the dynamometer. Certified Power Vision Tuning Centers are listed online and are the only Dynojet approved tuning centers for customers seeking custom Power Vision tunes created on a Dynojet dynamometer.

CERTIFIED POWER VISION DEALERS

This ½ day training course provides all the information needed regarding Power Vision sales and support. Certified Power Vision Dealers are listed online as Approved Locations that can thoroughly support Power Vision sales.

DYNAMOMETER TRAINING

On-Site Dynamometer Training Available. Dynojet provides two day on-site training for an additional fee.

FOR MORE INFO ON TRAINING AND CERTIFICATION CONTACT US AT: 1-800-992-3525/TRAINING@DYNOJET.COM

DYNOWARE RT/POWERCORE REQUIREMENTS

COMPONENTS	MINIMUM REQUIREMENT	SUGGESTED
OPERATING SYSTEM	WINDOWS 7 OR LATER	WINDOWS 7 OR LATER
PROCESSOR	DUAL CORE PROCESSOR, 2 GHZ OR FASTER	INTEL CORE I5 2.8GHZ OR FASTER
MEMORY	4GB SYSTEM RAM	8GB SYSTEM RAM OR MORE
HARD DRIVE	100GB OR LARGER (54MB REQUIRED FOR PROGRAM)	500GB OR LARGER (54MB REQUIRED FOR PROGRAM)
MONITOR/GRAPHICS CARD	1280X1024 (SXGA) RESOLUTION OR HIGHER	1440X900 (WSXGA) RESOLUTION OR HIGHER
NETWORK ADAPTER	1 FREE 10/100MBPS RJ45 ETHERNET PORT	1 FREE 10/100MBPS RJ45 PORT ON IP ROUTER, WIRELESS OR WIRED AND INTERNET ACCESS
EXTERNAL MEDIA	CD ROM DRIVE	CD ROM DRIVE
PRINTER	PRINTER, IF PRINTS ARE NEEDED	COLOR PRINTER IF PRINTS ARE NEEDED.

DYNOJET RESEARCH

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